

GROUND-WATER LEVELS

ROBESON COUNTY--Continued

343753079020301. County number, RB-199; Lumberton well 3.

LOCATION.--Lat 34°37'55.5", long 79°02'00.2", North American Datum of 1983, Hydrologic Unit 03040203, in Lumberton off Hackett Road. Owner: City of Lumberton.

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled unused supply well, depth 118 ft, diameter 12 in., screened intervals from 55 to 65 ft, 75 to 95 ft, and 105 to 115 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 15-minute intervals.

DATUM.--Land-surface datum is 117 ft above NGVD of 1929 (from topographic map). Measuring point: Top of instrument shelf, 9.62 ft above land-surface datum (since July 2002).

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study. Water levels affected by pumping of nearby municipal wells.

PERIOD OF RECORD.--April 1988 to current year. Continuous record began July 2002

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.2 ft below land-surface datum, Apr. 26, 1988 (reported by driller); lowest recorded, 39.23 ft below land-surface datum, Sept. 12, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), FOR PERIOD JULY TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	33.59	31.92
2	---	---	---	---	---	---	---	---	---	---	31.95	31.10
3	---	---	---	---	---	---	---	---	---	---	30.90	30.67
4	---	---	---	---	---	---	---	---	---	---	30.24	31.30
5	---	---	---	---	---	---	---	---	---	---	29.14	31.78
6	---	---	---	---	---	---	---	---	---	---	28.91	32.12
7	---	---	---	---	---	---	---	---	---	---	29.50	32.50
8	---	---	---	---	---	---	---	---	---	---	32.09	34.96
9	---	---	---	---	---	---	---	---	---	---	33.91	36.73
10	---	---	---	---	---	---	---	---	---	---	32.63	37.80
11	---	---	---	---	---	---	---	---	---	---	31.58	38.63
12	---	---	---	---	---	---	---	---	---	30.35	33.84	38.11
13	---	---	---	---	---	---	---	---	---	29.94	35.92	35.72
14	---	---	---	---	---	---	---	---	---	29.26	36.86	34.34
15	---	---	---	---	---	---	---	---	---	29.99	37.33	33.28
16	---	---	---	---	---	---	---	---	---	32.39	37.31	32.35
17	---	---	---	---	---	---	---	---	---	30.97	37.28	32.43
18	---	---	---	---	---	---	---	---	---	30.59	35.12	33.61
19	---	---	---	---	---	---	---	---	---	32.31	35.64	36.35
20	---	---	---	---	---	---	---	---	---	33.02	36.25	37.64
21	---	---	---	---	---	---	---	---	---	33.29	35.81	38.43
22	---	---	---	---	---	---	---	---	---	33.24	36.06	38.55
23	---	---	---	---	---	---	---	---	---	33.17	36.66	36.78
24	---	---	---	---	---	---	---	---	---	33.52	37.15	35.71
25	---	---	---	---	---	---	---	---	---	32.52	37.59	35.09
26	---	---	---	---	---	---	---	---	---	30.02	37.98	34.64
27	---	---	---	---	---	---	---	---	---	28.92	38.32	34.04
28	---	---	---	---	---	---	---	---	---	28.20	38.40	33.79
29	---	---	---	---	---	---	---	---	---	28.93	35.80	33.86
30	---	---	---	---	---	---	---	---	---	31.40	33.92	33.83
31	---	---	---	---	---	---	---	---	---	32.67	32.82	---

WTR YR 2002 MEAN 33.74 HIGH 28.20 LOW 38.63

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